F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	* 2003-028F	COOK	419	15
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62580

n:\660\acad\civil\Sheets\660_Sht01.dgn

MATCH LINE X-X

CURVE RAMPC2
PI STA. = 15+38.49
N:1887367.74
E:1172063.80
Δ = 24° 20′ 11″ (RT)
D = 6° 50′ 55″
R = 836.62′
T = 180.40′
L = 355.35′
E = 19.23′
e = N/A
T.R. = -----
S.E. RUN = 0.054 FT/FT
P.C. STA. = 13+58.09
N=1887210.92
E=1171883.38
P.T. STA. = 17+13.44
N=1887372.42
E=1172244.14

CURVE RAMPC3
PI STA. = 25+65.70
N:1887394.51
E:1173096.11
Δ = 11° 03′ 02″ (RT)
D = 5° 59′ 56″
R = 955.09′
T = 92.39′
L = 184.21′
E = 4.46′
e = N/A
T.R. = -----
S.E. RUN = -----
P.C. STA. = 24+73.31
N=1887392.12
E=1173003.75
P.T. STA. = 26+57.52
N=1887379.16
E=1173187.21

CURVE RAMPD5
PI STA. = 35+23.73
N:1887493.07
E:1172568.94
Δ = 58° 47′ 51″ (LT)
D = 16° 46′ 52″
R = 341.43′
T = 192.37′
L = 350.38′
E = 50.47′
e = N/A
T.R. = -----
S.E. RUN = 0.06 FT/FT
P.C. STA. = 33+31.35
N=1887417.82
E=1172391.89
P.T. STA. = 36+81.73
N=1887683.49
E=1172596.30

CURVE RAMPD6
PI STA. = 38+44.33
N:1887844.44
E:1172619.43
Δ = 57° 32′ 13″ (LT)
D = 19° 20′ 45″
R = 296.16′
T = 162.61′
L = 297.41′
E = 41.70′
e = N/A
T.R. = -----
S.E. RUN = 0.06 FT/FT
P.C. STA. = 36+81.73
N=1887683.49
E=1172596.30
P.T. STA. = 39+79.14
N=1887950.34
E=1172496.04

CURVE RAMPF1
PI STA. = 14+64.97
N:1888181.60
E:1172022.25
Δ = 9° 15′ 18″ (RT)
D = 3° 05′ 52″
R = 1,849.63′
T = 149.71′
L = 298.77′
E = 6.05′
e = N/A
T.R. = -----
S.E. RUN = 0.06 FT/FT
P.C. STA. = 13+15.26
N=1888319.92
E=1171964.98
P.T. STA. = 16+14.03
N=1888035.87
E=1172056.53

CURVE RAMPB1
PI STA. = 15+49.83
N:1887559.90
E:1173220.25
Δ = 7° 00′ 00″ (RT)
D = 3° 00′ 00″
R = 1,909.86′
T = 116.81′
L = 233.33′
E = 3.57′
e = N/A
T.R. = N/A
S.E. RUN = N/A
P.C. STA. = 14+33.02
N=1887517.69
E=1173329.17
P.T. STA. = 16+66.35
N=1887615.07
E=1173117.29

CURVE RAMPB2
PI STA. = 12+63.46
N:1887979.94
E:1172442.69
Δ = 71° 09′ 50″ (LT)
D = 13° 37′ 31″
R = 420.51′
T = 300.85′
L = 522.29′
E = 96.54′
e = N/A
T.R. = -----
S.E. RUN = 0.06 FT/FT
P.C. STA. = 9+62.60
N=1887837.85
E=1172707.87
P.T. STA. = 14+84.90
N=1887774.84
E=1172222.58

CURVE RAMPG1
PI STA. = 10+67.36
N:1887331.75
E:1172437.45
Δ = 82° 16′ 21″ (LT)
D = 14° 29′ 25″
R = 395.41′
T = 345.38′
L = 567.77′
E = 129.60′
e = N/A
T.R. = -----
S.E. RUN = 0.06 FT/FT
P.C. STA. = 7+21.98
N=1887645.71
E=1172293.52
P.T. STA. = 12+89.76
N=1887432.16
E=1172767.91

CURVE HL-2
SPIRAL SEGMENT

DELTA=48° 25″ 05.62′	LS=190.00 FT	DELTA(S)=04° 16″ 30.00′
X=189.89 FT	Y=04.72 FT	P=1.18 FT
K=94.98 FT	ST=63.37 FT	LT=126.70 FT
LC=189.95 FT	TS=668.10 FT	ES=124.09 FT

CIRCULAR SEGMENT

TS Sta 110+05.76
N=1887529.53
E=1172980.07
SC Sta 111+95.76
N=1887590.13
E=1172800.04
CS Sta 120+81.72
N=1888164.18
E=1172148.71
ST Sta 124+16.76
N=1888335.16
E=1172065.96

CURVE HL-2
PI STA. = 116+57.53
N:1887759.05
E:1172370.28
Δ = 39° 52′ 06″ (RT)
D = 4° 30′ 00″
R = 1,273.24′
T = 461.76′
L = 885.96′
E = 81.15′
e = N/A
T.R. = -----
S.E. RUN = 0.053 FT/FT

CURVE RAMPE1
PI STA. = 24+39.41
N:1887765.74
E:1173106.88
Δ = 21° 42′ 25″ (RT)
D = 2° 30′ 00″
R = 2,291.86′
T = 439.41′
L = 868.28′
E = 41.74′
e = N/A
T.R. = -----
S.E. RUN = 0.028 FT/FT
P.C. STA. = 20+00.00
N=1887777.09
E=1173546.14
P.T. STA. = 28+68.28
N=1887917.66
E=1172694.56

CURVE RAMPE2
PI STA. = 29+31.01
N:1887937.00
E:1172634.84
Δ = 3° 08′ 14″ (RT)
D = 2° 30′ 05″
R = 2,290.62′
T = 62.73′
L = 125.42′
E = 0.86′
e = N/A
T.R. = -----
S.E. RUN = 0.039 FT/FT
P.C. STA. = 28+68.28
N=1887915.31
E=1172693.70
P.T. STA. = 29+93.70
N=1887961.87
E=1172577.25

CURVE RAMPE3
PI STA. = 31+10.43
N:1888008.16
E:1172470.10
Δ = 14° 47′ 15″ (RT)
D = 6° 22′ 10″
R = 899.54′
T = 116.73′
L = 232.16′
E = 7.54′
e = N/A
T.R. = -----
S.E. RUN = 0.039 FT/FT
P.C. STA. = 29+93.70
N=1887961.87
E=1172577.25
P.T. STA. = 32+25.87
N=1888080.27
E=1172378.30

CURVE RAMPE4
PI STA. = 34+27.87
N:1888193.30
E:1172210.19
Δ = 26° 18′ 11″ (RT)
D = 7° 30′ 03″
R = 763.86′
T = 178.48′
L = 350.67′
E = 20.57′
e = N/A
T.R. = -----
S.E. RUN = 0.053 FT/FT
P.C. STA. = 32+49.39
N=1888080.27
E=1172348.32
P.T. STA. = 36+00.06
N=1888355.84
E=1172136.46

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

50 0 50 100 150 200 250
SCALE IN FEET

CAL03

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
NB DAN RYAN ELEVATED BRIDGE
REPAIR FROM 15TH TO 28TH STREETS
ALIGNMENT PLAN
STA. 99+94 TO STA. 125+39

SCALE: 1"=100′ DRAWN BY: RA
DATE: 7/22/2005 CHECKED BY: RS

11:26:32 AM 7/29/2005